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State of Utah

DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

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March 1, 1993

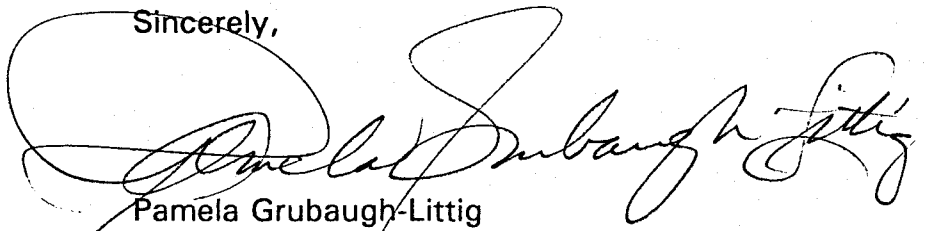
Mr. Wendell Owen
Co-Op Mining Company
P.O. Box 1245
Huntington, Utah 84528

Dear Mr. Owen:

Re: Modification of Approval, Field Verification Required for Plates 3-2A through 3-2D and 7-4A through 7-4D, Trail Canyon Mine, Co-Op Mining Company, ACT/015/021-92D, Folder #3, Emery County, Utah

The picnic area sediment control amendment was approved on January 5, 1993 with the submittal of revised text and plates. According to the technical review memo dated December 24, 1992 from Tom Munson (see attached), it was stated that his review and approval of the amendment information was limited to the picnic area sediment control only, not to the approval of all of the revised plates. Therefore, field verification by Division staff this spring of the new maps submitted November 20, 1992 will be required for Plates 3-2A through 3-2D and 7-4A through 7-4D.

Sincerely,



Pamela Grubaugh-Littig
Permit Supervisor

Enclosure

cc: Susan White



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December 24, 1992

TO: Pamela Grubaugh-Littig, Permit Supervisor

FROM: Thomas Munson, Senior Reclamation Hydrologist

RE: Picnic Area Sediment Control Proposal Review, Co-Op Mining Company, Trail Canyon Mine, ACT/015/021, Folder #3, Emery County, Utah

Synopsis

On November 20, 1992 the Division received a response from Co-Op Mining Company regarding the Division's September 15, 1992 deficiency letter. This memo reviews this response.

Analysis

The items which needed to be addressed in the response have been addressed adequately.

- 1) The operator needs to provide a cross section of this berm and either reference an already existing drawing of a typical silt fence installation or provide a drawing showing details of the silt fence installation and how it will be keyed into the bottom and sides of the surrounding berm and ditch.

The operator shows the location of the berm and silt fence on Plate 7-4D. Figure 7.3-5, "Picnic Area" Berm Design, gives design dimensions based on runoff from .07 acre/feet and the cross-sectional drawing of the berm. Figure 7.3-5A, Typical Silt Fence Installation, shows the typical installation of a Silt Fence. These designs and typical drawings are acceptable engineering designs.

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Picnic Area
ACT/015/021-92D
December 24, 1992

- 2) Page 7-44A(1) of the MRP should be amended to include a discussion of the drainage and sediment controls for the "picnic area".

The runoff volumes are based on the 10 yr. 24 hr. event of 2.25 inches and runoff CN of 86. The "Picnic Area" is considered BTCA Area "7" as shown on plate 7-4D. This is acceptable documentation in the MRP.

- 3) All BTCA areas in the Trail Canyon Mine Permit area must be shown on Plate 7-4. This could be done by stippling those areas on the map that are treated by BTCA. Page 7-53A should be revised to describe each area in the Trail Canyon MRP where alternative sediment controls are used. (Area ID, square footage or acreage, treatment methods, discharge monitoring, etc.)

All BTCA areas are shown on Plates 7-4A-D and described in the MRP on pages 7G-2 through 7G-7. This description is adequate to identify all areas treated by alternative controls. The plan discusses monitoring and maintenance of these structures and provides a removal and monitoring plan to determine whether these areas will cause or contribute to a violation of water quality standards for receiving streams.

Recommendation

The sediment control plan for the picnic area be approved and the BTCA plan for the remainder of Trail Canyon be field verified when weather conditions permit in the spring against Plates 7-4A-D.

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